Claims

What is claimed is:

1. A method of processing communications in a communication system switch, the method comprising the steps of:

5   assigning weightings to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

           selecting a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

10   wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.

2. The method of claim 1 wherein the assigned weightings comprise a set of equal weightings for each of the processing scripts in the set of processing scripts.

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3. The method of claim 2 wherein the selecting step comprises selecting the particular one of the processing scripts from among the equally-weighted processing scripts in accordance with a round-robin selection process.

20   4. The method of claim 1 wherein the assigned weightings comprise an integer value for each of the processing scripts in the set of processing scripts.

5. The method of claim 4 wherein the same integer value is assigned to each of the processing scripts in the set of processing scripts, the assigned weightings thereby providing a

25   substantially equal usage of each of the processing scripts over the given number of the communications.

6. The method of claim 4 wherein different integer values are assigned to different ones of the processing scripts in the set of processing scripts, the assigned weightings thereby providing

different usages for the different ones of the processing scripts over the given number of the communications.

7. The method of claim 1 wherein the assigned weightings comprise a percentage value for each of at least a subset of the processing scripts in the set of processing scripts, the percentage value specifying a desired percentage usage of its corresponding processing script.

8. The method of claim 1 wherein the assigned weightings comprise a frequency value for each of at least a subset of the processing scripts in the set of processing scripts, the frequency value specifying a desired frequency of utilization for its corresponding processing script.

9. The method of claim 1 wherein one or more of the processing scripts each comprise multiple lines of code, and further wherein an assigned weighting for a given one of the processing scripts comprises a weighting for at least a particular one of the multiple lines of code.

10. The method of claim 1 wherein the communication system switch comprises a distributed switch having multiple processing elements associated therewith, the assigned weightings providing a desired distribution of communication processing operations across the multiple processing elements.

11. A communication system switch for processing communications, the switch comprising:

a memory for storing weightings assigned to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

a processor coupled to the memory, the processor being operative to select a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.

5   12. An article of manufacture comprising a machine-readable storage medium storing one or more programs for use in processing communications in a communication system switch, wherein the one or more programs when executed implement the steps of:

assigning weightings to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

10   selecting a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.